

NOTICE OF DRAFTSPERSON'S  
PATENT DRAWING REVIEWThe drawing(s) filed (insert date) 04/16/99 re:

A.  approved by the Draftsperson under 37 CFR 1.84 or 1.152.  
 B.  objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. The Examiner will require submission of new, corrected drawings when necessary. Corrected drawing must be submitted according to the instructions on the back of this notice.

1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings:	Black ink. Color. Fig(s) _____	8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(j): Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) _____
	Color drawings are not acceptable until petition is granted.	
	Pencil and non black ink not permitted. Fig(s) _____	9. SCALE. 37 CFR 1.84(k): Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction. Fig(s) _____
2. PHOTOGRAPHS. 37 CFR 1.84 (b):	1 full-tone set is required. Fig(s) _____	10. CHARACTER OF LINES, NUMBERS, & LETTERS. 37 CFR 1.84(i): Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (poor line quality). Fig(s) _____
	Photographs not properly mounted (must use bristol board or photographic double-weight paper). Fig(s) _____	
	Poor quality (half-tone). Fig(s) _____	11. SHADING. 37 CFR 1.84(m): Solid black areas pale. Fig(s) _____
3. TYPE OF PAPER. 37 CFR 1.84(e):	Paper not flexible, strong, white, and durable: Fig(s) _____	Solid black shading not permitted. Fig(s) _____
	Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted. Fig(s) _____	Shade lines, pale, rough and blurred. Fig(s) _____
	Mylar, vellum paper is not acceptable (too thin). Fig(s) _____	12. NUMBERS, LETTERS, & REFERENCE CHARACTERS. 37 CFR 1.84(p):
4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes:	21.0 cm by 29.7 cm (DIN size A4)	Numbers and reference characters not plain and legible. Fig(s) _____
	21.6 cm by 27.9 cm (8 1/2 x 11 inches)	Figure legends are poor. Fig(s) _____
	All drawing sheets not the same size. Sheet(s) _____	Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1): Fig(s) _____
	Drawings sheets not an acceptable size. Fig(s) _____	English alphabet not used. 37 CFR 1.84(p)(2): Fig(s) _____
5. MARGINS. 37 CFR 1.84(g): Acceptable margins:	Top 2.5 cm Left 2.5cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size	Numbers, letters and reference characters must be at least .32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3): Fig(s) _____
	Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: 8 1/2 x 11	13. LEAD LINES. 37 CFR 1.84(q): Lead lines cross each other. Fig(s) _____
	Margins not acceptable. Fig(s) _____ Top (T) _____ Left (L) _____ Right (R) _____ Bottom (B) _____	Lead lines missing. Fig(s) _____
6. VIEWS. 37 CFR 1.84(h):	REMINDER: Specification may require revision to correspond to drawing changes.	14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(t): Sheets not numbered consecutively, and in Arabic numerals beginning with number 1. Sheet(s) _____
	Partial views. 37 CFR 1.84(h)(2): Brackets needed to show figure as one entity. Fig(s) _____	15. NUMBERING OF VIEWS. 37 CFR 1.84(u): Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) _____
	Views not labeled separately or properly. Fig(s) _____	16. CORRECTIONS. 37 CFR 1.84(w): Corrections not made from prior PTO-948 dated _____
	Enlarged view not labeled separately or properly. Fig(s) _____	17. DESIGN DRAWINGS. 37 CFR 1.152: Surface shading shown not appropriate. Fig(s) _____
7. SECTIONAL VIEWS. 37 CFR 1.84 (h)(3):	Hatching not indicated for sectional portions of an object. Fig(s) _____	Solid black shading not used for color contrast. Fig(s) _____
	Sectional designation should be noted with Arabic or Roman numbers. Fig(s) _____	

## COMMENTS

REVIEWER LAM DATE 05/24/99 TELEPHONE NO. \_\_\_\_\_ATTACHMENT TO PAPER NO. 5

## INFORMATION ON HOW TO EFFECT DRAWING CHANGES

### 1. Correction of Informalities--37 CFR 1.85

File new drawings with the changes incorporated therein. The application number or the title of the invention, inventor's name, docket number (if any), and the name and telephone number of a person to call if the Office is unable to match the drawings to the proper application, should be placed on the back of each sheet of drawings in accordance with 37 CFR 1.84(c). Applicant may delay filing of the new drawings until receipt of the Notice of Allowability (PTOL-37). Extensions of time may be obtained under the provisions of 37 CFR 1.136. The drawing should be filed as a separate paper with a transmittal letter addressed to the Drawing Processing Branch.

### 2. Timing for Corrections

Applicant is required to submit acceptable corrected drawings within the three-month shortened statutory period set in the Notice of Allowability (PTOL-37). If a correction is determined to be unacceptable by the Office, applicant must arrange to have acceptable corrections resubmitted within the original three-month period to avoid the necessity of obtaining an extension of time and paying the extension fee. Therefore, applicant should file corrected drawings as soon as possible.

Failure to take corrective action within set (or extended) period will result in **ABANDONMENT** of the Application.

### 3. Corrections other than Informalities Noted by the Drawing Review Branch on the Form PTO-948

All changes to the drawings, other than informalities noted by the Drawing Review Branch, **MUST** be approved by the examiner before the application will be allowed. No changes will be permitted to be made, other than correction of informalities, unless the examiner has approved the proposed changes.

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